

## Solar Energy South Africa

# Photovoltaic panel edge glue



## Overview

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What is a solar panel edge seal adhesive?

In solar panel manufacturing, edge seal adhesive is used for thin-film and crystalline silicon photovoltaic modules. To ensure complete coverage around the perimeter of the solar panel edge, the material must be heated for consistent and uniform application.

What is solar edge seal tape?

Trusted by PV module manufacturers for more than 20 years, this solar edge seal tape protects cells, connections and transparent conductive oxide coatings from moisture ingress, helping improve panel longevity and maximize power.

What are SolarGain® solar panel sealants?

SolarGain® Solar Panel Sealants are desiccated butyl/desiccated PIB solar panel sealants designed for use in a wide variety of photovoltaic (PV) modules.

What is pumpable solar edge tape (PSET)?

Traditionally, the edge seal process is done with a tape that seals the components together. The tape is applied manually or automatically. While tape has traditionally been the sealant of choice, a newer technology called pumpable solar edge tape (PSET) has proven itself to be a high-quality successor for this important manufacturing step.

What is set solar edge sealant?

SET is a solar edge sealant, pre-extruded to tape dimensions specific to your module design needs. Tape packages are easier to handle and scalable from intermittent use to high-volume automation. Want to learn more?

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What is SolarGain edge sealant?

SolarGain Edge Sealant also provides electrical isolation for PV modules. This solar cell sealant technology has been successfully used in 1500V modules and meets the component criteria for a cemented joint (IEC 61730-1 Ed. 2). This enables the active cell area to be placed closer to the edge of glass than without solid insulation.

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### Solar Panel Edge Seal: Liquid Applied vs. Tape

With throughput capability rated 200 percent better than comparable systems, Graco solutions can quickly benefit those looking to improve their plant operations. Uncover the advantages of pumpable solar edge tape (PSET) ...

### Solar Panel Bonding Adhesives at Epic Resins

Epic Resins specializes in custom formulated adhesives designed specifically for superior adhesion to photovoltaic cells. We have a wide variety of solar panel adhesives, from quick-curing adhesives for attaching the junction box to the ...



### GALVANIZED 30m Solar Panel Bird Exclusion Kit

Professional Solar Proofing Kit, Inch x Half inch Mesh, 60 adjustable clips, sheet cutters and stainless steel corner ties. Everything you need to treat 30m (4kw array/16 solar panels), save 15% on component prices Includes wire mesh, 60 ...

### Quanex invents moisture-protecting butyl rubber ...

Quanex has released a new moisture protectant

for solar panels that solar panel manufacturers can apply during the final manufacturing process. SolarGain Edge Sealant LP03 is a polyisobutylene butyl rubber adhesive with ...



### Solar Panel Pigeon & Pest Protection

Solar Panel Pigeon & Pest Protection. Solar Panel Cleaning. Solar Panel Removal & Reinstallation. Get a quote > Get A Quote; Contact; or by using special clips that are entirely non-intrusive and which do not require the use of ...

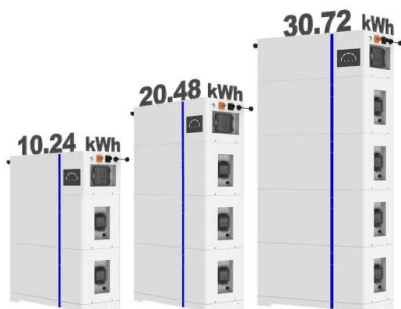


### How To Seal Between Solar Panels (Do This!)

The length of service your solar panel gives you will depend on the quality of the sealant. Most hardware stores stock industrial-grade silicone adhesive. If you already have edge protection around the glass, silicon glue ...



### ESS



### Adhesive for solar panels: sustainable energy ...

Wafer based crystalline silicon (c-Si) modules continue to be the backbone of solar power production. Together with you, we have developed cost-effective adhesive solutions for frame bonding, positioning and fixing solar cells, sealing ...

## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
<https://ian-solar.co.za>